D3 - SERIES

SPECIFICATIONS AND ORDERING INFORMATION

1 5/16" DIAMETER 1.5 AMPS @ 28 VDC

The D3 Series was originally designed as a high quality military switch, but is ideal for use in both military and commercial equipment applications. The standard features of this hill and valley design are glass epoxy insulation and a 30° index, with options of ceramic and diallyl insulation and a 60° index.

SPECIFICATIONS

ELECTRICAL

Current and Voltage Rating: Make and break resistive load 1.5 amps @ 28 VDC; 0.5 amp @ 115 VAC.
Current Carrying Capacity: 9 amps.
Dielectric Strength: 1,000 VAC between current carrying parts and ground.
Contact Resistance: Average initial 3.5 milliohms.
Insulation Resistance: Glass in excess of 750,000 megohms.
Ceramic in excess of 1,000,000 megohms.
Diallyl in excess of 900,000 megohms.
Hardware: Mounting nut and lockwasher are shipped assembled.

MECHANICAL

Materials and Finishes: All parts utilize non-corrosive materials.
Clips and Rotors: Silver alloy standard on ceramic.
Brass with silver plate standard on glass.
Insulation: Glass epoxy, ceramic, or diallyl phthalate.
Index: Single-ball, hill and valley.
Index Life: 25,000 cycles minimum.
Index Torque: Switches have lowest practical torque consistent with crisp detenting and smooth, reliable operation.
Index Angles: Positive 30° standard, 60° available.
Index Stops: Adjustable standard, fixed or continuous.
Stop Strength: 25 in. lbs. minimum.

D

STANDARD PART NUMBER

EPOXY GLASS INSULATION - BRASS SILVER PLATE
SWITCHES - SOLDER LUG TERMINALS - 30° INDEX - ADJUSTABLE STOPS SET @ 2 POS.

POLES	ACTIVE POSITIONS	POLES/ SECTION	NO. OF SECTIONS	SHORTING	NON-SHORTING	FIG. *
01	02-11	1	1	D3G0111S	D3G0111N	DA
02	02-11	1	2	D3G0211S	D3G0211N	DA
02	02-05	2	1	D3G0205S	D3G0205N	DH
03	02-11	1	3	D3G0311S	D3G0311N	DA
03	02-03	3	1	D3G0303S	D3G0303N	DM
04	02-05	2	2	D3G0405S	D3G0405N	DH
06	02-03	3	2	D3G0603S	D3G0603N	DM
06	02-05	2	3	D3G0605S	D3G0605N	DH

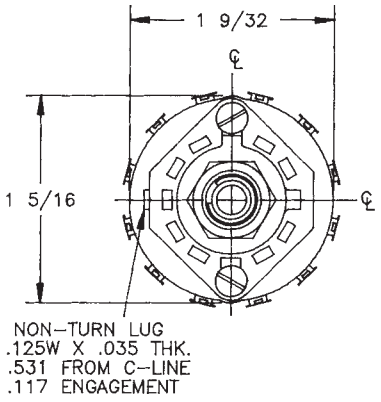
CERAMIC INSULATION - SILVER ALLOY - 2.6 AMPS @ 28 VDC
SWITCHES - SOLDER LUG TERMINALS - 30° INDEX - ADJUSTABLE STOPS SET @ 2 POS.

POLES	ACTIVE POSITIONS	POLES/ SECTION	NO. OF SECTIONS	SHORTING	NON-SHORTING	FIG. *
01	02-11	1	1	D3C0111S	D3C0111N	DA
02	02-11	1	2	D3C0211S	D3C0211N	DA
02	02-05	2	1	D3C0205S	D3C0205N	DH
03	02-11	1	3	D3C0311S	D3C0311N	DA
03	02-03	3	1	D3C0303S	D3C0303N	DM
04	02-05	2	2	D3C0405S	D3C0405N	DH
06	02-03	3	2	D3C0603S	D3C0603N	DM
06	02-05	2	3	D3C0605S	D3C0605N	DH

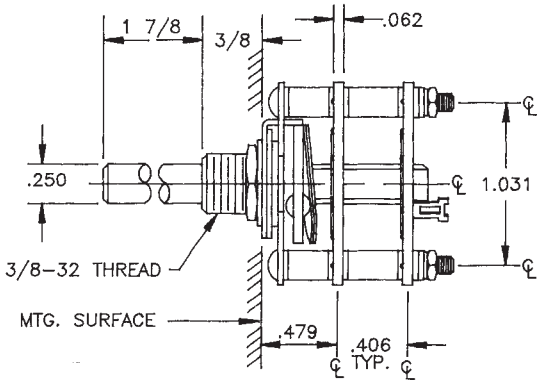
* FIGURES ARE SHOWN ON PAGES 55 AND 56.

DIMENSIONS

STANDARD CONSTRUCTION



D3G - GLASS EPOXY CONSTRUCTION



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Telephone: (888) ROTARYS or (919) 833-0707
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D3 - SERIES

How to Order Additional Options:

2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	TERMINAL TYPE	INDEX ANGLE	STOP TYPE	SHAFT/ BUSHING	SHAFT FLAT
D3	G - GLASS C - CERAMIC (SILVER ALLOY) D - DIALLYL	01 - MIN.	12 - MAX @ 30° 06 - MAX @ 60°	N - NON SHORTING S - SHORTING	L - SOLDER LUG R - REAR P.C.	30° 60°	A - ADJ. F - FIXED C - CONT.	SEE CHART "A"	SEE CHART "B"

CUSTOMERS SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS

D	3						—		ADDITIONAL OPTIONS			
		(SPECIFY)	(SPECIFY)	(SPECIFY)		(SPECIFY)		(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	

SHAFT, BUSHING, AND FLAT OPTIONS

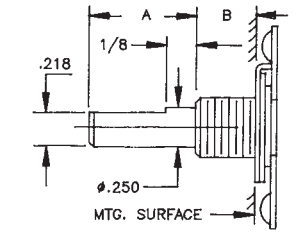


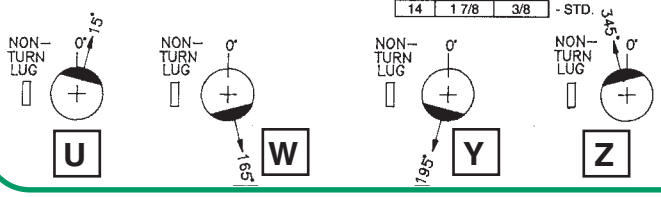
CHART "A"

P/N OPT.	SHAFT LGTH. "A"	BUSH. LGTH. "B"	
01	3/8	1/4	
02	3/8	3/8	
03	1/2	1/4	
04	1/2	3/8	
05	9/16	1/4	
06	9/16	3/8	
07	3/4	1/4	
08	3/4	3/8	
09	1	1/4	
10	1	3/8	
11	1 1/2	1/4	
12	1 1/2	3/8	
13	1 7/8	1/4	
14	1 7/8	3/8	- STD.

CHART "B"

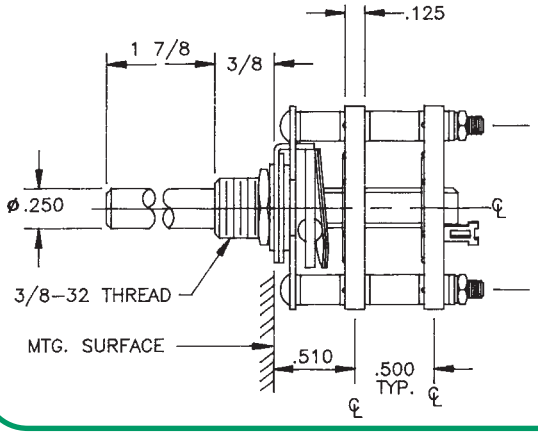
P/N OPT.	FLAT ANGLE	
B	ROUND	- STD.
U	15°	
W	165°	
Y	195°	
Z	345°	

SHAFT AS VIEWED WITH NON-TURN LUG AT 9 O'CLOCK AND SHAFT IN EXTREME CCW POSITION AND STRUT BOLTS ORIENTED VERTICALLY.



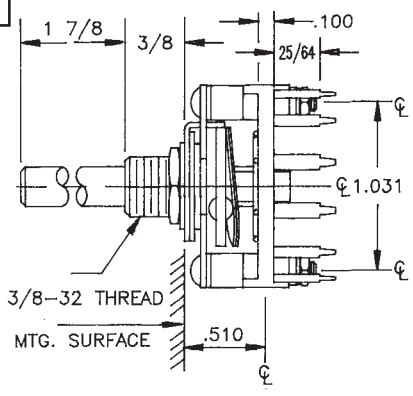
INSULATION AND PRINTED CIRCUIT BOARD TERMINAL OPTIONS

D3C - CERAMIC CONSTRUCTION

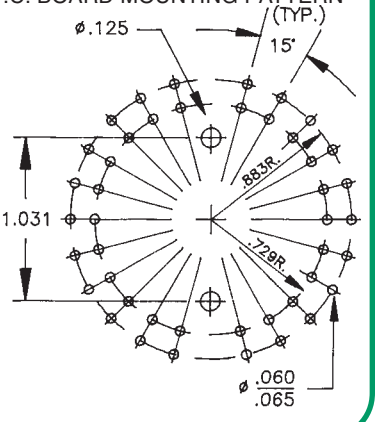


D3D -DIALLYL PHTHALATE CONSTRUCTION

R



P.C. BOARD MOUNTING PATTERN



CUSTOM SWITCHES ARE AVAILABLE. CONTACT THE FACTORY WITH YOUR COMPLETE SPECIFICATIONS.

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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
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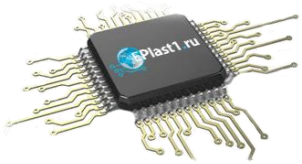
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.